

Appl. No.: 10/565,317
Amdt. dated June 2, 2009
Reply to Office Action of March 2, 2009

IN THE CLAIMS:

Please cancel withdrawn claims 9-24. Please add claims 25-31 as follows:

1. (Original) A prefabricated composite panel comprising:
a frame including a plurality of spaced apart frame members having at least one flange;
a reinforcing layer fastened to said flange of at least one of said frame members; and
a concrete slab having a density of 400 to 1760 kg/m³ (25 to 110 pcf), wherein said concrete slab has a front face and a rear face, wherein said reinforcing layer and said flange are embedded in said slab, and another portion of said frame protrudes from said rear face of said slab.
2. (Original) The prefabricated composite panel of claim 1 wherein the concrete slab is aerated concrete.
3. (Original) The prefabricated composite panel of claim 1 wherein said elongated frame members are C-channel members comprising a web connected to said at least one flange and a second flange connected to the web spaced from said one flange.

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4. (Original) The prefabricated composite panel of claim 1 wherein said at least one flange includes at least one tab and tab-opening, said concrete slab extending through said tab-opening.

5. (Original) The prefabricated composite panel of claim 1 wherein the reinforcing layer includes a slit and expanded metal lath.

6. (Original) The prefabricated composite panel of claim 1 further comprising at least one opening in the panel which is partially bounded by said frame members.

7. (Original) The prefabricated composite panel of claim 1 further comprising at least one outer member removably attached to said frame and bounding at least one edge of the panel.

8. (Original) The prefabricated composite panel of claim 1 further comprising at least one outer member permanently attached to said frame and bounding at least one edge of the panel.

9 – 24. (Cancelled)

25. (New) A prefabricated composite panel comprising:
- a first frame member attached to a second frame member to form a frame, said first frame member having a first flange and a first web, and said second frame member having a second flange and a second web;
- a reinforcing layer fastened to said first flange and to said second flange; and
- a concrete slab having a front face and a rear face, wherein said first flange and said second flange are embedded in said slab, and wherein at least a portion of said first web and a portion of said second web protrudes from said rear face of said slab;
- wherein the concrete slab has a density of 400 to 1760 kg/m³ (25 to 110 pcf).
26. (New) The prefabricated composite panel of claim 25 wherein the first frame member is formed of steel.
27. (New) The prefabricated composite panel of claim 25 wherein the concrete slab is aerated concrete.
28. (New) The prefabricated composite panel of claim 25 wherein the reinforcing layer includes a slit and expanded metal lath.

29. (New) A prefabricated composite panel comprising:

a frame including a plurality of spaced apart frame members having two spaced apart flanges and a web therebetween defining a C-channel;

a reinforcing layer fastened to said flange of at least one of said frame members; and

a concrete slab having a density of 960 to 1200 kg/m³ (60 to 75 pcf), wherein said concrete slab has a front face and a rear face, wherein said reinforcing layer and at least one of said flanges are embedded in said slab, and another portion of said frame protrudes from said rear face of said slab.

30. (New) The prefabricated composite panel of claim 29 wherein the concrete slab is aerated concrete.